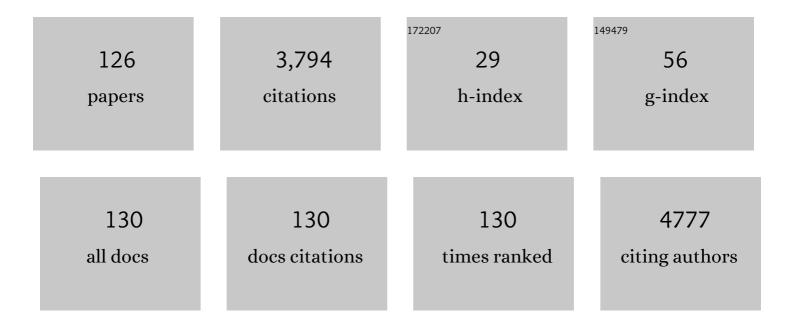
Gerhard Buchbauer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6109608/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Use of Essential Oils in Agriculture. , 2020, , 873-917.		2
2	Essential oil components and cytochrome P450 enzymes: a review. Flavour and Fragrance Journal, 2019, 34, 223-240.	1.2	23
3	Pesticides in essential oils and selected fragrance extracts. Some examples. A review. Flavour and Fragrance Journal, 2018, 33, 373-384.	1.2	5
4	α-Terpineol, a natural monoterpene: A review of its biological properties. Open Chemistry, 2018, 16, 349-361.	1.0	169
5	Influence of drugs on smelling capacity. A review. Flavour and Fragrance Journal, 2017, 32, 147-158.	1.2	8
6	Essential Oils as Immunomodulators: Some Examples. Open Chemistry, 2017, 15, 352-370.	1.0	16
7	Essential Oils and Compounds against Pains in Animal Studies. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	2
8	A Pilot Study on the Physiological Effects of Three Essential Oils in Humans. Natural Product Communications, 2016, 11, 1934578X1601101.	0.2	3
9	Structural Features for Furan-Derived Fruity and Meaty Aroma Impressions. Natural Product Communications, 2016, 11, 1934578X1601101.	0.2	2
10	The scent of human diseases: a review on specific volatile organic compounds as diagnostic biomarkers. Flavour and Fragrance Journal, 2015, 30, 5-25.	1.2	92
11	Biological Activities of Selected Mono- and Sesquiterpenes: Possible Uses in Medicine. , 2013, , 4109-4159.		12
12	Human body scents: do they influence our behavior?. Natural Product Communications, 2013, 8, 1651-62.	0.2	0
13	Chemical Composition, Olfactory Analysis and Antibacterial Activity of <i>Thymus vulgaris</i> Chemotypes Geraniol, 4-Thujanol/Terpinen-4-ol, Thymol and Linalool Cultivated in Southern France. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	25
14	A review on recent research results (2008–2010) on essential oils as antimicrobials and antifungals. A review Flavour and Fragrance Journal, 2012, 27, 13-39.	1.2	307
15	Actions of essential oils on the central nervous system: An updated review Flavour and Fragrance Journal, 2011, 26, 300-316.	1.2	117
16	Essential oil components as pheromones. A review Flavour and Fragrance Journal, 2011, 26, 357-377.	1.2	36
17	Stereoselective Metabolism of the Monoterpene Carvone by Rat and Human Liver Microsomes. Journal of Pharmacy and Pharmacology, 2010, 52, 191-197.	1.2	28
18	Percutaneous absorption of the montoterpene carvone: implication of stereoselective metabolism on blood levels. Journal of Pharmacy and Pharmacology, 2010, 53, 637-642.	1.2	25

#	Article	IF	CITATIONS
19	Biological properties of essential oils: an updated review. Flavour and Fragrance Journal, 2010, 25, 407-426.	1.2	355
20	Chemical Composition and Antibacterial Activity of Selected Essential Oils and Some of Their Main compounds. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	9
21	Structure-Activity Relationships of Sandalwood Odorants: Synthesis of a New Campholene Derivative. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	3
22	Antimicrobial Activities of Single Aroma Compounds. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	34
23	Chemical Composition and Antimicrobial Activity of Cumin Oil (<i>Cuminum Cyminum</i> , Apiaceae). Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	31
24	Chemical Composition, Olfactory Evaluation and Antimicrobial Activity of Selected Essential Oils and Absolutes from Morocco. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	0
25	Chemical composition, olfactory evaluation and antimicrobial activity of selected essential oils and absolutes from Morocco. Natural Product Communications, 2010, 5, 1349-54.	0.2	11
26	Chemical composition and antimicrobial activity of cumin oil (Cuminum cyminum, Apiaceae). Natural Product Communications, 2010, 5, 1355-8.	0.2	32
27	Chemical composition and antibacterial activity of selected essential oils and some of their main compounds. Natural Product Communications, 2010, 5, 1359-64.	0.2	18
28	Antimicrobial activities of single aroma compounds. Natural Product Communications, 2010, 5, 1365-8.	0.2	24
29	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of Essential Oil from <i>Mentha Canadensis</i> . Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	3
30	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of Essential Oil from <i>Mentha x piperita</i> . Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	57
31	Antimicrobial Activities of Essential Oils of Mint and Peppermint as Well as Some of Their Main Compounds. Journal of Essential Oil Research, 2009, 21, 363-366.	1.3	35
32	Chemical Composition and Antimicrobial Activity of Historical Rose Oil from Bulgaria. Journal of Essential Oil-bearing Plants: JEOP, 2009, 12, 1-6.	0.7	6
33	Characterization of volatile compounds and triacylglycerol profiles of nut oils using SPMEâ€GCâ€MS and MALDIâ€TOFâ€MS. European Journal of Lipid Science and Technology, 2009, 111, 170-182.	1.0	57
34	Evolutionary trace of human odorant receptors of chromosome 17. Flavour and Fragrance Journal, 2009, 24, 192-197.	1.2	4
35	¹³ Câ€NMR spectra of santalol derivatives: a comparison of DFTâ€based calculations and databaseâ€oriented prediction techniques. Magnetic Resonance in Chemistry, 2009, 47, 720-726.	1.1	17
36	Antimicrobial Activities of Roman Chamomile Oil From France and Its Main Compounds. Journal of Essential Oil Research. 2009. 21. 283-286.	1.3	25

#	Article	IF	CITATIONS
37	Correlation of Antimicrobial Activities of Various Essential Oils and Their Main Aromatic Volatile Constituents. Journal of Essential Oil Research, 2009, 21, 459-463.	1.3	63
38	Chemical composition, olfactory evaluation and antioxidant effects of essential oil from Mentha canadensis. Natural Product Communications, 2009, 4, 1011-6.	0.2	6
39	Chemical composition, olfactory evaluation and antioxidant effects of essential oil from Mentha x piperita. Natural Product Communications, 2009, 4, 1107-12.	0.2	35
40	Genomics of selected human odorant receptors. Monatshefte Für Chemie, 2008, 139, 1537-1544.	0.9	3
41	Structure–activity relationships of sandalwood odorants: Total synthesis and fragrance properties of cyclopropano-β-santalol. European Journal of Medicinal Chemistry, 2008, 43, 1525-1529.	2.6	8
42	Characterisation of various grape seed oils by volatile compounds, triacylglycerol composition, total phenols and antioxidant capacity. Food Chemistry, 2008, 108, 1122-1132.	4.2	202
43	Purity, Antimicrobial Activities and Olfactory Evaluations of 2-Phenylethanol and Some Derivatives. Journal of Essential Oil Research, 2008, 20, 82-85.	1.3	9
44	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of the Essential Oil of Satureja Montana L. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	1
45	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of an Essential Oil of <i>Origanum Vulgare</i> L. from Bosnia. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	1
46	GC-MS-Analysis, Antimicrobial Activities and Olfactory Evaluation of Essential Davana (Artemisia) Tj ETQq0 0 0 r	gBT/Over 0.2	lock ₈ 10 Tf 50 3
47	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of the Essential oil of Origanum Majorana L. from Albania. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	9
48	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of an Essential Oil of Thymus Vulgaris L. from Germany. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	0
49	Physiological and Behavioral Effects of 1,8-Cineol and (±)-Linalool: A Comparison of Inhalation and Massage Aromatherapy. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	14
50	Comparative Evaluation of Antimicrobial Activity and Composition of Rose Oils from Various Geographic Origins, in Particular Bulgarian Rose Oil. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	14
51	Investigation of Anticancer and Antiviral Properties of Selected Aroma Samples. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	10
52	Differences in (â^')citronellal binding to various odorant receptors. Biochemical and Biophysical Research Communications, 2007, 361, 941-945.	1.0	22
53	Purity, Antimicrobial Activities and Olfactoric Evaluations of Geraniol/Nerol and Various of Their Derivatives. Journal of Essential Oil Research, 2007, 19, 288-291.	1.3	40
54	Antifungal Activities of Essential Oils of <i>Salvia lavandulifolia</i> , <i>Salvia officinalis</i> and <i>Salvia sclarea</i> against Various Pathogenic <i>Candida</i> species. Journal of Essential Oil-bearing Plants: JEOP, 2007, 10, 430-439.	0.7	21

#	Article	IF	CITATIONS
55	Composition and Antimicrobial Activity of <i>Cymbopogon giganteus</i> (Hochst.) Chiov. Essential Flower, Leaf and Stem Oils from Cameroon. Journal of Essential Oil Research, 2007, 19, 485-489.	1.3	28
56	Chemical Composition, Antimicrobial Activities and Olfactive Evaluation of a <i>Salvia officinalis</i> L. (Sage) Essential Oil from Egypt. Journal of Essential Oil Research, 2007, 19, 186-189.	1.3	22
57	Chemical Composition and Antifungal Activity of Essential Oils from Various BulgarianMentha x piperitaL. Cultivars Against Clinical Isolates ofCandida albicans. Journal of Essential Oil-bearing Plants: JEOP, 2007, 10, 412-420.	0.7	8
58	Antifungal Activity of Eugenol and Various Eugenol-Containing Essential Oils against 38 Clinical Isolates of <i>Candida albicans</i> . Journal of Essential Oil-bearing Plants: JEOP, 2007, 10, 421-429.	0.7	28
59	Chemical Composition, Olfactory Evaluation and Antimicrobial Activities of <i>Jasminum grandiflorum</i> L. Absolute from India. Natural Product Communications, 2007, 2, 1934578X0700200.	0.2	16
60	Chemical Composition, Olfactory Evaluation and Antioxidant Effects of the Leaf Essential Oil of <i>Corymbia citriodora</i> (Hook) from China. Natural Product Communications, 2007, 2, 1934578X0700200.	0.2	2
61	Effects of scents on airborne microbes, part I: thymol, eugenol,trans-cinnamaldehyde and linalool. Flavour and Fragrance Journal, 2007, 22, 44-48.	1.2	14
62	Antimicrobial effect of vapours of geraniol, (R)-(–)-linalool, terpineol,γ-terpinene and 1,8-cineole on airborne microbes using an airwasher. Flavour and Fragrance Journal, 2007, 22, 435-437.	1.2	68
63	Chemical composition and stimulating effect of <i>Citrus hystrix</i> oil on humans. Flavour and Fragrance Journal, 2007, 22, 443-449.	1.2	29
64	Antimicrobial Effect of trans-Cinnamaldehyde, (-)-Perillaldehyde, (-)-Citronellal, Citral, Eugenol and Carvacrol on Airborne Microbes Using an Airwasher. Biological and Pharmaceutical Bulletin, 2006, 29, 2292-2294.	0.6	63
65	Volatile compounds of original African black and white shea butter from Tchad and Cameroon. European Journal of Lipid Science and Technology, 2006, 108, 583-588.	1.0	14
66	Chemical composition and olfactoric characterization ofAcmella radicans (Jacq.) R.K. Jansen var.radicans from southern India. Flavour and Fragrance Journal, 2006, 21, 88-91.	1.2	11
67	Comparative study on the antimicrobial activities of different sandalwood essential oils of various origin. Flavour and Fragrance Journal, 2006, 21, 465-468.	1.2	40
68	Composition and Antioxidant Activities of the Essential Oil of Cinnamon (<i>Cinnamomum) Tj ETQq0 0 0 rgBT /Ov</i>	verlock 10 0.7	Tf 50 227 T 69
69	Composition, quality control and antimicrobial activity of the essential oil of cumin (Cuminum) Tj ETQq1 1 0.7843 Science and Technology, 2005, 40, 305-310.	14 rgBT /C 1.3	Overlock 10 65
70	Chemical composition and olfactory characterization of essential oils of fruits and seeds of African pear (Dacryodes edulis (G. Don) H. J. Lam) from Cameroon. Flavour and Fragrance Journal, 2005, 20, 215-218.	1.2	10
71	Solid phase microextraction/gas chromatographic and olfactory analysis of the scent and ?xative properties of the essential oil ofRosa damascena L. from China. Flavour and Fragrance Journal, 2005, 20, 7-12.	1.2	43
72	Adaptation of DELFIATM Cortisol Kit for Determination of Salivary Cortisol Concentration. Archiv Der Pharmazie, 2005, 338, 493-497.	2.1	23

#	Article	IF	CITATIONS
73	Essential Oil Analysis of <i>Spilanthes acmella</i> Murr. Fresh Plants from Southern India. Journal of Essential Oil Research, 2005, 17, 429-431.	1.3	12
74	Comparative Aroma Compound Analysis of Different Essential Oils ofLippia rugosafrom Cameroon Using GC/FID, GC/MS and Olfactometry. Journal of Essential Oil Research, 2005, 17, 492-495.	1.3	6
75	Antimicrobial Testings and Gas Chromatographic Analyses of Aroma Chemicals. Journal of Essential Oil-bearing Plants: JEOP, 2005, 8, 99-106.	0.7	26
76	Investigations of the natural microflora of poppy seeds (Papaver somniferum) and hazelnut kernels (Corylus avellana) including microbiological decomposition. European Food Research and Technology, 2004, 219, 282.	1.6	5
77	Volatile compound analysis of SPME headspace and extract samples from roasted Italian chestnuts (Castanea sativa Mill.) using GC-MS. European Food Research and Technology, 2004, 219, 470-473.	1.6	70
78	Structure–activity relationships of sandalwood odorants: synthesis and odor of tricyclo β-santalol. European Journal of Medicinal Chemistry, 2004, 39, 1039-1046.	2.6	19
79	Chemotaxonomical analysis of the essential oil aroma compounds of four different Ocimum species from southern India. European Food Research and Technology, 2003, 217, 120-124.	1.6	80
80	QSAR Modeling of α-Campholenic Derivatives with Sandalwood Odor. Journal of Chemical Information and Computer Sciences, 2003, 43, 259-266.	2.8	40
81	Essential Oil Analysis ofHemidesmus indicusR.Br. Roots from Southern India. Journal of Essential Oil Research, 2002, 14, 437-438.	1.3	7
82	Analysis of the headspace aroma compounds of the seeds of the Cameroonian "garlic plant" Hua gabonii using SPME/GC/FID, SPME/GC/MS and olfactometry. European Food Research and Technology, 2002, 214, 212-215.	1.6	24
83	Investigation of Essential Oils of <i>Plectranthus glandulosus</i> Hook f. (Lamiaceae) from Cameroon. Journal of Essential Oil Research, 2001, 13, 73-75.	1.3	23
84	Analysis of Cinnamomum zeylanicum Blume Leaf Oil from South India. Journal of Essential Oil Research, 2001, 13, 442-443.	1.3	17
85	SPME/GC/MS analysis of headspace aroma compounds of the Cameroonian fruit Tetrapleura tetraptera (Thonn.) Taub European Food Research and Technology, 2001, 213, 18-21.	1.6	23
86	Synthesis and olfactoric activity of side-chain modified β-santalol analogues. European Journal of Medicinal Chemistry, 2001, 36, 673-683.	2.6	15
87	Analysis of the essential oil volatiles of Douglas fir (Pseudotsuga menziesii) from Bulgaria. Flavour and Fragrance Journal, 2000, 15, 434-437.	1.2	15
88	Ab initio Molecular Electrostatic Potential Grid Maps for Quantitative Similarity Calculations of Organic Compounds. Journal of Molecular Modeling, 2000, 6, 425-432.	0.8	12
89	Investigation of the Essential Oil and Headspace ofLaggera pterodonta(DC.) Sch. Bip. ex Oliv., a Medicinal Plant from Cameroon. Journal of Essential Oil Research, 2000, 12, 345-349.	1.3	22
90	Essential Oil Analysis of <i>Curcuma aeruginosa</i> Roxb. Leaves from South India. Journal of Essential Oil Research, 2000, 12, 47-49.	1.3	18

#	Article	IF	CITATIONS
91	Threshold-Based Structureâ^'Activity Relationships of Pyrazines with Bell-Pepper Flavor. Journal of Agricultural and Food Chemistry, 2000, 48, 4273-4278.	2.4	35
92	Chemical Composition and Olfactory Evaluation of the Essential Oils of Leaves and Seeds of <i>Clausena anisata</i> (Willd.) J.D. Hook. ex. Benth. from Cameroon. Journal of Essential Oil Research, 1999, 11, 231-237.	1.3	11
93	Chemical composition of essential oils ofLantana camara leaves and flowers from Cameroon and Madagascar. Flavour and Fragrance Journal, 1999, 14, 245-250.	1.2	51
94	Investigation of the alteration of the composition of various essential oils used in aroma lamp applications. Flavour and Fragrance Journal, 1999, 14, 293-299.	1.2	11
95	Essential Oil and Headspace fromHyptis suaveolens(L.) Poit. Leaves and Flowers from Cameroon. Journal of Essential Oil Research, 1999, 11, 283-288.	1.3	12
96	Syntheses in the Isocamphane Series XLI [1]. Derivatives of Epoxyisocamphenilanic Acid, Epoxycamphene, and a New Access to 7-syn-Hydroxycamphene. Monatshefte Für Chemie, 1998, 129, 711-717.	0.9	1
97	Syntheses in the Isocamphane Series XLII [1]. Synthesis and Odour of 5-exo-Hydroxycamphene (Isonojigiku Alcohol). Monatshefte Für Chemie, 1998, 129, 865-870.	0.9	1
98	Synthesis and olfactoric activity of keto-β-santalol and methoxy-β-santalol. European Journal of Medicinal Chemistry, 1998, 33, 463-470.	2.6	17
99	On the Synthesis and Odour Impressionof (Z)-Normethyl-carvo-β-santalol. Monatshefte Für Chemie, 1998, 129, 705-710.	0.9	2
100	Essential Oil Compounds of theAnnona muricataFresh Fruit Pulp from Cameroon. Journal of Agricultural and Food Chemistry, 1998, 46, 3719-3720.	2.4	37
101	Volatiles of the Essential Oil of the Leaves ofUvaria narumWall. (Annonaceae). Journal of Essential Oil Research, 1997, 9, 217-219.	1.3	8
102	Structure-Activity Relationships of Sandalwood Odorants: Synthesis and Odour of Methyl-β-santalol. Archiv Der Pharmazie, 1997, 330, 112-114.	2.1	13
103	Conformational Calculations on Sandalwood Odour, Part XI. Molecular Similarity of Sandalwood Odour Compounds. Flavour and Fragrance Journal, 1997, 12, 141-146.	1.2	7
104	On the odor of the enantiomers of Madrolïż½. Chirality, 1997, 9, 380-385.	1.3	13
105	Volatiles of the Absolute ofGardenia jasminoidesEllis (Rubiaceae). Journal of Essential Oil Research, 1996, 8, 241-245.	1.3	4
106	Structureâ€odor relationships of sandalwood odorants: Synthesis of (<i>Z</i>)â€7â€oxaâ€î²â€santalol. Liebigs Annalen, 1995, 1995, 1693-1696.	0.8	12
107	Volatiles of cold and burning fragrance candles with lavender and apple aromas. Flavour and Fragrance Journal, 1995, 10, 233-237.	1.2	3
108	Synthesis and Odour of Bicyclo[2.2.2]octanone Derivatives: β-Hydroxy Ketones and Enones. Flavour and Fragrance Journal, 1995, 10, 287-292.	1.2	3

#	Article	IF	CITATIONS
109	Volatiles of the Absolute ofCestrum nocturnumL Journal of Essential Oil Research, 1995, 7, 5-9.	1.3	13
110	Volatiles of Common Horsechestnut (Aesculus hippocastanumL.) (Hippocastanaceae) Blossoms. Journal of Essential Oil Research, 1994, 6, 93-95.	1.3	5
111	Volatiles of Common Horsechestnut (Aesculus hippocastanumL.) (Hippocastanaceae) Peels and Seeds. Journal of Essential Oil Research, 1994, 6, 507-511.	1.3	3
112	Volatile constituents ofexacum affine balf. f. Flowers obtained by dynamic headspace sampling and as the essential oil. Flavour and Fragrance Journal, 1994, 9, 55-58.	1.2	5
113	Conformational Parameters of the Sandalwood-Odor Activity: Conformational calculations on sandalwood odor. Helvetica Chimica Acta, 1994, 77, 2286-2296.	1.0	30
114	Headspace Constituents of FreshJuglans nigraL. Peels. Journal of Essential Oil Research, 1993, 5, 455-457.	1.3	5
115	Volatile Constituents of the Headspace and Essential Oil ofPlectranthus coleoidesMarginatus (Labiatae). Journal of Essential Oil Research, 1993, 5, 311-313.	1.3	14
116	Headspace Constituents of Shellac. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 247-248.	0.3	3
117	Volatile Constituents of the Essential Oil of the Peels of <i>Juglans nigra</i> L Journal of Essential Oil Research, 1992, 4, 539-541.	1.3	7
118	Volatile Constituents of the Essential Oil ofPassiflora incarnataL Journal of Essential Oil Research, 1992, 4, 329-334.	1.3	16
119	Absolute configuration and odour analysis of the enantiomeric tertButylbicyclo[4.4.0]decan-3-ols. Tetrahedron: Asymmetry, 1992, 3, 197-198.	1.8	20
120	Analysis of fragrance compounds in blood samples of mice by gas chromatography, mass spectrometry, GC/FTIR and GC/AES after inhalation of sandalwood oil. Biomedical Chromatography, 1992, 6, 133-134.	0.8	41
121	Headspace analysis of the dried herb of passion flower (Herba Passiflorae) and dried flowers of lime tree (Flores Tiliae). Flavour and Fragrance Journal, 1992, 7, 329-332.	1.2	8
122	Investigations of the Molecular Surface of a Few Sandalwood-Odor Molecules and Related Structures: Conformational calculations on sandalwood odorants. VI. Helvetica Chimica Acta, 1992, 75, 174-183.	1.0	20
123	Aromatherapy: Evidence for Sedative Effects of the Essential Oil of Lavender after Inhalation. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 1067-1072.	0.6	240
124	Headspace-Analysis and Aroma Compounds of Austrian Hay-Blossoms (Flores Graminis, Graminis Flos) used in Aromatherapy. Journal of Essential Oil Research, 1990, 2, 185-191.	1.3	7
125	Synthesis of Tertiary Alcohol Carbamates. Liebigs Annalen Der Chemie, 1989, 1989, 489-491.	0.8	9
126	GC-FTIR and GC-MS in odour analysis of essential oils. Mikrochimica Acta, 1988, 95, 193-198.	2.5	26